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10/730,110	12/09/2003	Takeshi Morikawa	032567-020	5434
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EXAMINER				
MILLA, MARK R				
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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

ADIPFDD@bipc.com

DETAILED ACTION

Response to Amendment

1. Applicant's amendment was received on 7/21/08 but will not be entered as it fails to place the application in condition for allowance.

Response to Arguments

2. Applicant's arguments filed 7/21/08 have been fully considered but they are not persuasive.

Applicant asserts that the combination of Salgado (US 6,504,621) and Mishima (JP 11-041429) fails to disclose or suggest at least discriminating whether an activation instruction of the scanning job is made by said operation device or from an outside in cases where a request for processing the image data of the scanning job by said one or a plurality of compressing/expanding devices is made when the data of the external job is being compressed or expanded by said one or a plurality of compressing/expanding devices, and controls execution of the external job and the scanning job by said one or a plurality of compressing/expanding devices depending on the discrimination result and making said one or a plurality of compressing/expanding devices execute processing of the external job and that of the scanning job in parallel when an activation instruction is made by the operation device, and making one or a plurality of compressing/expanding

devices execute processing of the scanning job after completion of processing of the external job when the activation instruction of the scanning job is made from outside, as recited in the claims. The examiner respectfully disagrees as the combination of Salgado and Mishima does disclose such features. Particularly, Salgado discloses a plurality of different job types, for example, copy/scan jobs, net print jobs, and fax jobs. The net print jobs are any jobs originating from the network service module (ESS) or network, such as a scanning job, which would then be a scanning job from an outside source (see column 11 lines 27-31 and 38-45 and column 12 lines 1-10). Salgado further states that a scanner or image input terminal (IIT) compresses the read image data and stores the data in memory and that the IIT and printer or image output terminal (IOT) are coupled to compressor **62** and decompressor **64** (see column 6 lines 52-61 and column 8 lines 45-49). Salgado also discloses that job priority can be created specifically taking into account system resources, such as compression/decompression. Thus, when a current job is utilizing a particular system resource and a new job is to be processed that needs the same system resource an algorithm is executed to determine the job with the highest priority and ultimately determines which job is to utilize the system resource (see column 16 line 61-column 17 line 32). Therefore, Salgado discloses the ability to activate a scanning job from an outside source and discriminating whether an activation instruction of the scanning job is made by an operation device of the image data processor or from an outside in cases where a request for processing the image data of the scanning job is made when the data of the external job is utilizing a particular system resource, such as compressor **62** or decompressor **64**. Mishima

discloses a system for performing compression/elongation including four compression/elongation processing sections. Mishima also discloses three modes in which the system executes, (image input mode, copy mode, and printing mode). In image input mode, which performs only reading of the image data with the image reader section (scanner), all four compression/elongation processing sections are used for compression. In copy mode, two of the four compression/elongation processing sections are used for compression. In print mode, all four compression/elongation processing sections are used for elongation (see paragraph 35 lines 1-10 and 34-37 and paragraph 36 lines 1-4). Therefore, based on the source of the image data and the type of processing, execution of the compression/expanding device is controlled appropriately. It would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teachings of Salgado and Mishima to arrive at the claimed invention because Salgado acknowledges that compression/decompression of image data is necessary in the processing of image data (see column 8 lines 45-49) and adjustments to the manner in which the compressing/decompressing devices operate are commonly implemented and at times necessary to successfully perform the interruption processing of image data, such as walk-up jobs like scanning/copying. Salgado also realizes the need to determine the source of a job to successfully determine priority and manage system resources. Although Mishima may only disclose processing for a single print job, the print job may contain a plurality of pages and even a plurality of copies of a single print job which in turn acts like a plurality of jobs and it would have been obvious to one of ordinary skill in the art to adapt the concept of

Mishima to account for a plurality of jobs. Mishima presents a method for such compression/decompression adjustments based on the image processing being performed. It would have been obvious to take the basic concepts set forth by Mishima and combine them with the system of Salgado to execute compression/decompression based on the type of job desiring execution.

Therefore, the rejection set forth in the previous Office Action is maintained.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mark R. Milia whose telephone number is (571)272-7408. The examiner can normally be reached M-F 8:00am-4:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Moore can be reached at (571) 272-7437. The fax number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Mark R. Milia
Examiner
Art Unit 2625

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